

RATIU, L.; CALBOREANU, I.

From the experience of processing 100% cellulose fibers in the Medias Vasia Vasilescu Spinning Mill. p.415

INDUSTRIA TEXTILA, (Asociatia Stintifica a Inginerilor si Tehnicienilor din
Romania si Ministerul Industriei Usoare)
Bucuresti, Romania
Vol. 10, no.10, Oct. 1959

Monthly List of East European Accessions (EEA) IC., Vol. 9, no.1, Jan. 1960
Uncl.

RATIU, Liviu, insp. metodist (Iudus)

Some methodic directives as to the teaching of geography of Rumania
in the schools where courses are given in Hungarian. Natura Geografie
14 no.5:50-54 S-O '62.

RATIO, M., Ing.

Principles of dimensioning the lever weighing apparatus.
Metrologia apl 12 no.4:149-157 Ap '65.

L 41000-00 EWP(W) T/EWP(I)/ETI JD

ACC NR: AP6031542

SOURCE CODE: RU/0027/65/010/002/0287/0300

AUTHOR: Ratiu, Mircea; Lambert, Valentin

ORG: Metrology Institute, Timisoara (Institutul de metrologie)

28
B

TITLE: Considerations on the reproduction of the Brinell hardness scale

SOURCE: Studii si cercetari de metalurgie, v. 10, no. 2, 1965, 287-300

TOPIC TAGS: hardness, metrology

ABSTRACT: The authors report the construction at the Force and Hardness Section of the Timisoara Metrology Institute of a sample apparatus with direct loading and a completely automated testing cycle. The design of the device is described, and results on the Brinell hardness measurement of 115 samples are given; the results were checked with the Metrology and Merchandise Control Office of East Germany. An analysis of the differences between the German and Rumanian results shows the shortcomings of international regulations concerning the unequivocal description of hardness. Orig. art. has: 4 figures. [JPRS: 34,166]

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 003 / SOV REF: 004

OTH REF: 009

Card 1/1 of

1979 0227

RATIU, M., ing.; PREXL, R., ing.

Normalization of kinematic parameters by the Rockwell
hardness test. Metrologia apl 11 no. 1: 1-12 Ja '64.

25(1), 28(2)

SOV/115-59-9-12/37

AUTHOR:

Rațiu, M., (Rumanian People's Republic)

TITLE:

The Rigidity Criteria for Calculating Levers of Weight Measuring Devices

PERIODICAL:

Izmeritel'naya tekhnika, 1959, Nr 9, pp 24-27 (USSR)

ABSTRACT:

The author analyzes theoretically the work of balance levers, as shown in Fig 1. They are under the influence of a load S, which is to be measured, and the balancing weight G. A deformation of the lever is caused by the load. The position of the prism sustaining the load will change according to the ratio of the supporting plane to the vertical plane. Vertical displacements of the prisms cause changes of the sensitivity, unstability and vibrations. These displacements are of special interest for laboratory balances. For general purpose balances, the requirements are lower and the influence of vertical displacements may be neglected. Changes of the balance arms cause systematic errors which are functions of the load. In this article, the author derives

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The Rigidity Criteria for Calculating Levers of Weight Measuring
Devices

rigidity criteria, which, if observed, will keep the indicated systematic errors within established, permissible limits. For simplifying the investigation, the author considers the arm as a beam with a straight axis, which is freely resting with its ends on rigid supports. The author states that it is possible to develop definite requirements for the rigidity of balance levers, taking also into consideration the error compensation of balances. There are 1 set of diagrams and 3 graphs.

Card 2/2

Ratiu, M., ing.; PREXL, R., ing.;

Mechanical test on supporting ball joints. Metrologia apl 10
no.7:298-309 J1 '63.

RATIU, M.: SLATINEANU, R.

Comparative resilience tests with Mesnager and ISO test tubes. P 167

STANDARDIZAREA. Comisiunea de Standardizare. Bucuresti, Rumania
Vol. II, no. 4, Apr. 1959

Monthly List of East European Accessions (EEAI) LC. vol. 8, no. 9, Sept. 1959

Uncl.

Reference to the heading rate on the determination of the Rockwell hardness, see also metallurgia 9 no. 2:291-304 '61.

RATIO, M.; PREXL, R.

Influence of the loading speed on the Rockwell hardness
determination. Studi cerc metalurgie 9 no.2:275-288 '64.

RATIU, M.

TECHNOLOGY

Periodical: STUDII SI CERCETARI STIINTIFICE SERIA STIINTE TEHNICE.
Vol. 3, no. 3/4, 1956

RATIU, M. Contributions to the study of the form of the striction
zone in metallic test tubes submitted to traction. p. 41.

Monthly List of East European Accessions (EEI) LC, Vol. 8, No.3,
March 1959, Unclass.

RATIU, M.

Preposels for the standardization of test tubes for the tensile test of steel pipes. p. 110.

(Standerdizarea, Vol. 9, No. 3, Mar. 1957, Bucuresti, Rumania)

SO: Monthly List of East European Accessions (EMAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

RATIU, M., Ing.; FINTINARU, N., Ing.

Considerations on the accuracy of the dynamometer with tensiometric marks. Metrologia apl 11 no.9:390-398 S '64.

RATIU, O.

New teratological cases in some dicotyledonous angiosperms. p. 45.

Academia Republicii Populare Romine. Filiala Cluj. STUDII SI CERCETARI DE BIOLOGIE. Cluj, Rumania. Vol. 9, no. 1, 1958.

Monthly List of East European Accessions (EEAI) Vol. 8, no. 7, July 1959.

Uncl.

841114
SCHIAU, S.; RATIU, O.; POPESCU, M.; STOENESCU, R.

Radiological diagnosis of duodeno-choledochal fistulas secondary to duodenal ulcer. Med. int., Bucur. 10 no.1:113-116 Jan 58.

(PEPTIC ULCER, complications

duodeno-choledochal fistula, x-ray diag.)

(DUODENUM, fistula

duodeno-choledochal, in duodenal ulcer, x-ray diag.)

(BILE DUCT, COMMON, fistula

same)

RATIU, O.; CONSTANTINESCU, C.

Transposition of the efferent (afferent) loop to the duodenum for
correction of resected stomach disturbances (immediate and late results).

Rumanian M Rev. no.4:67-76 '61.

(GASTRECTOMY compl.)

(JEJUNUM surg.)

RATHU, V. 1961

I visited the mangrove forests. St sl Ten km 17 no.2:17, 28
F 165

1. Director of the Cluj Botanical Garden.

ILIESCU, C. C., Prof.; KLEINERMAN, L., Conf.; RATIU, O., dr.;
PANTZER, M., dr.; GUTA, G.; EFRAIM, M., dr.; ROLAND, F., dr.;
GHEORGHIADE, T., dr.; LECCA, S., lab.

Cardiac catheterization in congenital cardiovascular defects.
Med. int., Bucur. 8 no.3:339-359 July 56.

1. Lucrare efectuata in Clinica a III-a medicala I.M.F.
Bucuresti.

(CARDIOVASCULAR DEFECTS, CONGENITAL, diagnosis
cardiac catheterization)

(CATHETERIZATION, CARDIA, in various dis.
cardiovascular defects, congen.)

RATIYA, Sh. YE.

Preserve the architectural monuments Moskva, Gos. izd-vo lit-ry po stroitel'stvu i ark-
hitekture, 1952. 229 p. (53-34865)

NA1181.R3

RATIYEV, L.A. [Ratiev, L.]; FULIYEV, Kh.N. [Fuliev, Kh.]

Chemicostructural characteristics of amazonite in the surroundings
of Kesten (Smelyan okrug, Bulgaria). Zap.Vses.min.ob-va 93
no.6:655-661 '64. (MIRA 18:4)

1. Glavnoye upravleniye geologii i okhrany zemnykh neдр, Sofiya,
Bolgariya.

RATHAI, H.

"Organization of Cooperation Between Technical and Administrative Workers in our Industrial Enterprises; also, Remarks by F. Torok", P. 30. (TOBETTES, Vol. 8, No. 5, May 1954, Budapest, Hungary)

SC: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

MEZHIN, IU. IU. and RATKAI, B. E.

Rekonstruktsiia zheleznodorozhnogo putevogo khoziaistva. [Reconstruction of the
railroad Tracks]. (Sots, transport, 1934, no. 2, p. 61-78; illus., diags).
DLC: HE7.S6.

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress
Reference Department, Washington, 1952, Unclassified.

PATKAY, GY.

Spare parts for specific measurements in telecommunication. p.153. (Kozlemenyei. Budapest. Vol. 20, no. 1/2. 1956.)

SO: Monthly List of East European Acquisitions (SEAL) Vol. 6, no. 7, July 1957 Uncl.

RATKEVICH, A.I.

The 7212G double-sided planing machine with hydraulic copying carriage.
Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch. i tekhn.inform. no.7:
44-46 '62. (MIRA 15:7)

(Planing machines)

BELOVA, I.O.; RATKEVICH, G.I.

Activities of galenical and pharmaceutical plants. Apt. delo 10 no.4:
46-50 J1-Ag '61. (MIRA 14:12)

(DRUG INDUSTRY)

BELOVA, O.I.; RAKHNIKH, G.I.

From the working experience of pharmaceutical industries. Report
No.3 Tablet - producing plants. Apt. delo 11 no.6:48-52 N-D'62
(MIRA 17:7)

1. Tsentral'nyy aptekhnny nauchno-issledovatel'skiy institut.

YEFREMOV, Yu.M.; RATKEVICH, G.I.; LOPATIN, Ye.A.

Self-unloading percolator. Sbor. nauch. trud. TSANII 4:100-106
'63. (MIRA 17:3)

1. Laboratoriya tekhnologii lekarstvennykh form i galenovykh preparatov (rukovoditel' laboratorii - kand. farm. nauk O.I. Belova) TSentral'nogo aptechnogo nauchno-issledovatel'skogo instituta i TSentral'noye proyektno-konstruktorskoye byuro Ministerstva zdравookhraneniya SSSR.

RATKI, Dezsone

Foreign echo of a Hungarian standard. Szabvany kozl 16
no.5:85 My'64.

RATKI, Dezsone

Central tasks of the standardization of corrosion problems. Műsz. élet
16 no.6:3 Mű '61. (EETI 10:5)

(Hungary--Corrosion and anticorrosives)

RATKI, Dezsone

Tasks of the standardization basis concerning corrosion.
Szabvány kozl 13 no.6:135-136 Je '61.

BELOVA, O.I.; RATKEVICH, G.I.

Work of pharmaceutical factories. Report No.2. Apt. delo 10 no.6:
49-52 N-D '61. (MIRA 15:2)

(DRUG INDUSTRY)

ARTEM'YEV, A.I.; ALYUSHIN, M.T.; RATKEVICH, G.I.; KOROMYSLOV, S.I.

Mechanical supplying of distilled water to work locations. Apt.
delo 10 no. 2:42-45 Mr-Ap '61. (MIRA 14:4)

1. Laboratoriya tekhnologii lekarstvennykh form i galenovykh
preparatov.

(WATER, DISTILLED)

MEDVEDEV, I.N., agronom; RATKEVICH, S.I., agronom

Establishing cultivated pastures in the trans-Ural region. Zemledelie
25 no.5:20-23 My '63. (MIRA 16:7)
(Ural Mountain region--Pastures and meadows)

RATKITIN, Yu.V. (Moskva)

Use of chemical compounds as agents controlling plant life. Usp.
sovr. biol. 42 no.2:208-224 S-0 '61. (MIRA 14:10)
(PLANTS, EFFECT OF CHEMICALS ON)

RATKO, Anna

The great problem of mankind. Munka 5 no.7:1-4 J1 '55.

1. Szakszervezetek Országos Tanácsa titkara.

RATKO, Anna

" We shall support the Democratic Federation of Hungarian Women";
remark by Anna Ratko at the conference of Hungarian women. Munka
4 no.2:33-35 F'54

RATKO, Anna.

Yesterday and today. Prof.tekh.ebr. 13 no.4:10-12 Ap '56.
(MIRA 9:7)

1.Chlen prezidiuma Tsentral'nogo Soveta profsoyuzov Vengrii.
(Hungary--Women--Employment) (Trade unions)

GARAI, Endrene, okleveles vegyeszmernok; RATKOCZI, Tibor, dr.

Report on the 8th session arranged by the Working Group of
Chemical Testing, Textile Industry Technical Commission,
Technical Committee 38, International Organization for
Standardization, held in Budapest, April 27-30, 1964.
Szabvány kozl 16 no. 8:140-143 Ag '64.

1. Hungarian Bureau of Standards, Budapest (for Garai).
2. Head, Division of Light Industry, Hungarian Bureau of
Standards, Budapest (for Ratkoczi).

RATKOCZI, Tibor, dr.

Standard coordination in the light industry. Szabvány kozl
16 no.12:221-222 D '64.

1. Head, Division of Light Industry of the Hungarian Bureau
of Standards, Budapest.

RATKOCZI, Tibor, dr.

Member societies of the Federation of Technical and Scientific
Association for standardization. Szabvány kozl 16 no.5:85
My'64.

BUJK, Bela, dr.; RATKOCZI, Tibor, dr.

More important tasks in the shoe industry standardization. Bor
cipo 13 no.3:78-80 My '63.

1. Magyar Szabvanyugyi Hivatal.

RATKOCZY, Tibor, dr.

Principal goals of the development of the shoe-industry
standardization. Szabvány kozl 13 no.10:228-229 0 '61.

RATKOCZI Tibor dr.

The organization and work of the Standardization Center for
the Textile Industry in the German Democratic Republic.
Szabvány kozl 15 no.4:80-83 Ap '63.

HUNGARY

RATKOCCZY, Mendor, M.D., [affiliation not given].

"General Radiotherapy"

Budapest, Orvosi Hetilap, Vol 104, No 19, 12 May 1963, p. 903.

Abstract: This article is a review of the Hungarian book entitled "General Radiotherapy" (Altalanos Sugarterapia) by RCDM, Ivan, M.D., published in 1962 by Medicina Konyvkiado (Publishers). The book has 461 pages and 153 illustrations; price is 82.00 Forints.

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RATKOCZY, Nandor

Changes in views on the pathology and therapy of malignant
granuloma. Pol. tyg. lek. 18 no.19/20:713-716 6-13 My '63.

1. Z Kliniki Rentgenoterapii Akademii Medycznej w Budapeszcie;
kierownik: prof. dr med. N. Ratkoczy.
(HODGKIN'S DISEASE)

[POLAND-HUNGARY

RATKOCZY, Nandor, Prof. Dr. med., Director of the Radiotherapy Clinic, Medical Academy in Budapest (Hungary)
[Original version not given] [Translated by Tadeusz FARYNA, Dr. med. (Affiliation not given)]

"Changes in Views on the Pathology and Treatment of Malignant Lymphogranulomatosis."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 19-20, 6-13 May 63, pp 713-716.

Abstract: [Author's English summary modified] The author, with many year's experience on the subject, discusses the problem of malignant lymphogranulomatosis, its pathogenesis and treatment. He discusses recent methods of treatment connected with the stage of the disease. The disease is still incurable and its prognosis very poor, but the life of the patient can now be prolonged, and he can be kept in a good general state during remission. The 19 references include about four (4) each in Hungarian and Western sources, and the others are in German.

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1588

CSO: 2000-N

RATKOCZY, Mándor, dr.

Therapy of malignant lymphocytomas. Orv.hetil. 100 no.49:
1749-1754 D '59.

1. A Budapesti Orvostudományi Egyetem Röntgenklinikájának
(Igazgató: Ratkoczy Mándor dr. egyetemi tanár) közleménye.
(LYMPHOMA ther.)

RATKOCZY, N.

Schiffer Erno Dr. *Magy.* radiol. 4 no. 2:49-50 1952. (CML 22:4)

1. Obituary.

RATKOCZY N.

Excerpta Medica Sec 16 Cancer Vol. 2/5 May 54

2334. RATKOCZY N. Univ.-Röntgenklin. Budapest. Lungenmetastasen bei Lungenkrebsen *Metastases in the lungs from pulmonary cancer* Radiol. clin. (Basel) 1953, 22/4 (347-361) Illus. 7

Three cases of cancer of the lungs with metastases in the lungs are described. In the 1st case the diagnosis was made only roentgenologically and by bronchography; no histological examination or autopsy was done. Only in the 2nd case was the diagnosis confirmed at autopsy. In the 3rd case the histological diagnosis was made only of the primary tumour. Finally there is a discussion about the methods of spread.

Ravelli — Innsbruck

RATKOCZY, Nandor

Problems of radiation protection in our x-ray departments. Magy. radiol.
10 no.3:174-179 Sept 58.

1. Az Országos Röntgen és Sugárfizikai Intézet közlése (Igazgató: Rat-
koczy Nandor dr., egyet. tanár)
(RADIATION PROTECTION
in x-ray departments (Hun))

RATKOCZY, Nandor, dr.

Teaching roentgenography to students and specialization in Hungary.
Magy radiol. 13 no.1:1-8 Ja '61.

1. A Budapesti Orvostudományi Egyetem Röntgenklinikájának (igazgató:
Ratkoczy Nandor dr. egyetemi tanár) közleménye.
(RADIOLOGY educ)

RATKOCZY, Nandor, dr.

Therapy of diseases of the blood and of the hemopoietic system.
Orv.hetil. 102 no.9:385-393 26 F '61.

1. Budapesti Orvostudományi Egyetem, Röntgenklinika.
(BLOOD DISEASES ther)
(HEMATOPOIETIC SYSTEM dis)

RATOCOLI, T.

BOR- ES CIPI/TECHNIKA. (Doripari Tudományos Egyesület mint a Magyar Tudományos Egyesületek Szövetsége Tagegyesülete) Budapest.

Recurrent features: News of the Association;
Index for 1955.
Index for 1956.

International relations of standardization in the shoe industry.
p. 172.

Vol. 5, No. 6, Dec. 1958.

Monthly List of East European Acquisitions (EEAI), LC, Vol. 8, No. 3,
March 1959 Unclass.

RTKOCZY, T.

"Increased application of sanitary requirement in the standardization of shoes made of leather." p. 81

SZABVANYUGYI KOZLEMENYEK. (Magyar Szabványügyi Hivatal) Budapest, Hungary
V 1. 7, No. 5/6, May/June 1955.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959
Uncl.

RATKOCZI, Tibor, dr.

Standardization tasks in the shoe industry, 'Szabvány kozl
15 no.1:11-14 Ja '63.

RATKOV, J.

Universal unit heads in the USSR. p. 362.

STROJIRENSKA VYROBA. Praha, Czechoslovakia. Vol. 7, no. 8,
August 1959.

Monthly List of East European Accessions (EFAI) LC, Vol. 8, No. 11,
November 1959.

Uncl.

RATKOV, J. - Strojirenstvi - Vol. 5, no. 2, Feb. 1955.

System of universal unit attachments. p. 125.

SO: Monthly list of East European Accessions, (MERAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

KATLOV, J.

Further experience with unit heads. p. 479. (STROJIRENSKA VYROBA,
Vol. 4, No. 11, Nov 1956, Praha, Czechoslovakia)

SD: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

RITCY, J.

Further experience with the system of universal structural elements in the USSR.

P. 324
Vol. 3, no. 8, 1955
STROJIRENSKA VYROBA
Praha, Czechoslovakia

Source: Monthly list of East European Accessions, (EEAL), LC, Vol. 5, no.2
February 1956, Uncl.

RATKOV, J.

Experience with the use of the system of universal structural elements
in the USSR, p. 143, STROJIRENSKA VYROBA (Ministerstvo strojirenstvi)
Praha, Vol. 3, No. 4, Apr. 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

RAT'KOV, K.A., inzh.; RAT'KOVA, I.P., inzh.

Use of metallic alunite threads. Tekst.prom. 20 no.3:29-31 Mr
'60. (MIRA 14:5)
(Alunite) (Textile fabrics)

S/193/60/000/009/011/013
A004/A001

AUTHORS: Rat'kov, K.A., Abramova, N.N.

TITLE: The KTP-2M (KTP-2M) Device for the Measurement of Metal Coating Thickness 14

PERIODICAL: Byulleten' tekhniko-ekonomicheskoi informatsii, 1960, No. 9, pp. 71-72

TEXT: In 1960 the TsNIIMashdetal' manufactured and tested under production conditions at a number of plants the KTP-2M device which is designated for the thickness measurement of all nonmagnetic coatings (chromium, zinc, cadmium, copper, varnish and paint coatings etc.) on articles made of ferromagnetic steels. The thickness checks are effected without destruction of the metal coating, with a high degree of accuracy (the reading errors of the device do not exceed 10%), while the measuring time is by a factor of a few times less than that of the drop and jet methods. The operation principle of the device is of the inductive kind, based on the utilization of the phenomenon of the so-called demagnetizing factor. The device is composed of the operating pick-up and measuring unit, including a compensation pick-up, alternating resistance, two ДЦГ-27 (DTSG-27) ✓

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S/193/60/000/009/011/013
A004/A001

The КТП-2М(KTP-2M) Device for the Measurement of Metal Coating Thickness

bridges and M24 recorder. The authors give a detailed description of design and operation of the device and point out that the metal coating plays the part of a clearance between the core end and magnetic mass, the base of the article. The smaller the clearance (coating) the stronger the contact of the magnetic current with the article and the greater the magnitude of unbalance. Articles with different properties and shape may have a different magnitude of circuit unbalance, even if they possess the same clearance. Therefore, the sensitivity of the circuit is corrected with the aid of the compensation pick-up. The KTP-2M device possesses a scale, graduated in microns, which is the same for all kinds of coating. The following technical data are given: measuring range = 0-100 μ ; measuring time = 5-7 sec; lowest surface area to be checked = 8 x 8 mm; lowest diameter of cylindrical articles = 8 mm; lowest diameter of inner surface of the articles to be measured = 45 mm; supply voltage (at 50 cps) = 220 v; dimensions of device = 220 x 130 x 90 mm; weight = 2.9 kg. At present the KTP-2M device has been introduced at two plants: the Moskovskiy mekhanicheskii zavod im. 1 Maya (Moscow Mechanical Plant im. 1st of May) and the Podol'skiy mekhanicheskii zavod im. Kalinina (Podol'sk Mechanical Plant im. Kalinin). There is 1 figure.

Card 2/2

RAT'KOV, X.A.; ABRAMOVA, H.N.

The KTP-2M device for checking the thickness of metal coatings.
Bul.tekh.-ekon.inform.no.9:71-72 '60. (MIRA 13:10)
(Protective coatings--Testing)

RAT'KOV, K.A.; RAT'KOVA, I.P.

Equipment for producing half-finished "aliunit" thread. Biul.
telch.-ekon.inform. no.1:44-46 '59. (MIRA 12:2)
(Thread)

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7815: Testing of Wear Resistance of Substitutes for
Leather and Technical Fabrics. (In Russian) K. A. Ratkov.
Lekaya Promyshlennost' (Light Industry), v. 11, Jan. 1951,
p. 38-40.
Describes and diagrams 7 simple devices presently in use to
test the degree of wear of a surface with respect to basic
factors involved.

RAT'KOV, K.A., inzh.; RAT'KOVA, I.P., inzh.

Use of metallic alunite threads. Tekst.prom. 20 no.3:29-31 Mr
'60. (MIPA 14:5)

(Alunite)

(Textile fabrics)

ABRAMOVA, Nina Nikolayevna; RAT'KOVA, Irina Pavlovna; IL'IN, V.A.,
red.; GRIGOR'YEVA, I.S., red. izd-va; GVIRTS, V.L., tekhn.
red.

[Bright zinc plating in an ammoniate electrolyte] Blestiashee
tsinkovanie v ammiakatnom elektrolite. Leningrad, 1963. 13 p.
(Leningradskii dom nauchno-tekhnicheskoi propagandy. Otmen
peredovym opytom. Seria: Zashchitnye pokrytiia, no.1)
(MIRA 16:5)

(Zinc plating)

ABRAMOVA, N.N.; RAT'KOVA, I.P.

Obtaining bright zinc coatings. Biul.tekh.-ekon.inform.Gos.nauch.-
issl.inst.nauch.i tekh.inform. no.12:15-16 '63. (MIRA 17:3)

RAT'KOV, K.A.; RAT'KOVA, I.P.

Equipment for producing half-finished "aliunit" thread. Biul.
tekhn.-ekon.inform. no.1:44-46 '59. (MIRA 12:2)
(Thread)

PESIC, D.; RATKOVIC, B.; MARINKOVIC, M.

A 2.2 meter modified Eagle grating spectrograph. Bul Inst
Nucl 14 no.1:35-41 Ja '63.

1. Department of Analysis and Metrology of the Boris Kidric
Institute of Nuclear Sciences.

Uratkovic, B.

7.8-49

551.5:63.06

Ratković, B., Agrometeorološka aktivnost u Zapadnoj Nemačkoj i Francuskoj. [Agrometeorological activity in West Germany and France, Pt. 1.] *Yugoslavia: Hidrometeorološka Služba, Varnik*, 4(1/2):7-14, Jan./June 1955. Pt. 2, *Ibid.*, 4(3/4):79-87, Jan./Dec. 1955. DWB—The author visited a number of agrometeorological and bioclimatological stations and centers in Germany and France and gives, in considerable detail, an account of his findings concerning the organizational set-up of the German and French agrometeorological and phenological networks and their observation and research work, publications and various services. Subject Headings: 1. Agrometeorological services 2. West Germany 3. France. —G.T.

RATKOVIC, B

GP 7.2-04 551.343.06
Ratković, B., Agrometeorologija u svetu i kod nas. [Agricultural meteorology in Yugoslavia and abroad.] *Yugoslavia. Hidrometeorološka Služba, Veznić*, 1 (3/4):49-53, July/Oct. 1952; 1 (5):93-97, Nov./Dec. 1952. DWB—General objectives and problems of agrometeorological research are outlined. Set-up and activities of the Agrometeorological Service of Yugoslavia are described. It is organized as part of the Hydrometeorological Service and comprises a network of 134 agrometeorological and 543 phenological stations. *Subject Headings*: 1. Agricultural meteorology 2. Meteorological services 3. Yugoslav Hydrometeorological Service.—G.T. *He J21*

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200000, B.

Determining the position of a ship by radar. p. 282. (MORAVICKI GLASNIK,
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Jug 5 no.4:114-115 '60. (REAI 10:7)

1. Pharmacological Institute, Medical Faculty, Sarajevo.
(NERVOUS SYSTEM) (PHARMACOLOGY) (TREMOR)

SA 10 17, 19.

Method for refilling bearing shells, p. 737. *TEHNIKA* (Savna inženjera i tehnika Jugoslavije) Beograd. Vol. 11, No. 5, 1956.

SOURCE: EAST EUROPE ADMISSIONS LIST (EVAL) Library of Congress,
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RATKOVIC, Milos M., prof.

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Potential reactivity of the aggregate from Gaocici with cement alkalies.
Saop Inst isp mat Srb 10 no.16:34-39 Mr '62

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Influence of some indigenous natural and artificial pozzuolanas on the mechanical resistance, shrinking, and dilatation of the "Novi Popovac" 350 cement. Saop Inst isp mat Srb no.16:24-33 Mr '62.

STRAUB, Gyula; RATKOVICNE SCHUTZ, Rozsa

Application of fluorones in analytic chemistry, Pt.2. Veszprem
vegyp ~~egy~~ kozl 4 no.2:101-113 '60

1. Veszpremi Vegyipari Egyetem Analitikai Kemiai Tanszek.

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Examination of petroleum sulfur compounds. Pt. 3. Magyar kem
folyoir 65 no.3:96-99 Nr 159.

1. Magyar Asvanyolaj- es Foldgazkiserleti Intezet, Veszprem.

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Examination of petroleum sulfur compounds. Pt. 4. Magyar kem folyoir
65 no.3:99-102 Mr '59.

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I 35697-86 EWT(m)

ACC NR: AP6027657

SOURCE CODE: HU/0005/66/000/004/0186/0191

AUTHOR: Ratkovics, Ferenc

ORG: Department for Physical Chemistry, University for the Chemical Industry,
Veszprem (Vegyipari Egyetem Fizikai-Kemiai Tanszoka)

TITLE: Investigation of the vapor-liquid equilibrium of binary and multicomponent systems with the gas chromatograph

SOURCE: Magyar kemiai folyoirat, no. 4, 1966, 186-191

TOPIC TAGS: phaso equilibrium, gas chromatography, nitrogen

ABSTRACT: The method described involves the passage of nitrogen carrier gas, saturated with the vapor phase of the binary or multicomponent system, through a gas-chromatographic column and determining the equilibrium vapor-phase composition by the evaluation of the gas chromatogram. In the experiments described, a Griffin 2B gas chromatograph, equipped with a thermal conductivity detector and a 100-cm. by 6-mm. column packed with termolit on poly(ethylene glycol), was used at 120°C temperature and a carrier-gas flow rate of 1.5 liters per hour. The calculations involved were described. Orig. art. has: 9 figures, 19 formulas and 2 tablos. [JPRS: 36,464]

SUB CODE: 07 / SUEM DATE: 01Oct65 / OTH REF: 004

Card 1/1

Distr: 4E3d

Petroleum sulfur compounds. II. Determination of mercaptan sulfur content. Eggen Rathkovics and Pál Szepesváry (Magyar Ásványok és Földgázkutató Int. Veszprém, Hung.). *Magyar Kém. Folyóirat* 64, 472-473 (1958).—A method for detn. of thiols was described, based on the equation: $\text{RSH} + \text{HgCl}_2 \rightarrow \text{RSHgCl} + \text{HCl}$. The HCl was titrated with KOH in MeOH by using bromocresol green (I) as indicator for colorless products, or a high-frequency titrimeter for colored products. The detn. was disturbed by no S compd. of the petroleum but H_2S . The colored product (50 g.) was dissolved in 90 ml. of a mixt. contg. MeOH- C_2H_5 , 4:1, 10 ml. satd. HgCl_2 in MeOH added, and titrated with 0.1N HCl in MeOH using the titrimeter. The colorless product was dissolved in 50 ml. 4:1 MeOH- C_2H_5 mixt., 3 drops 0.1% I in MeOH added, and titrated with 0.01N KOH in MeOH, 10 ml. HgCl_2 soln. added, and titrated again to transition color. The thiol S was measured by the 2nd titration. If, before the first titration, the soln. was green a few drops of 0.1N HCl were added. In the following list the probable % of S and the amt. in g. of the colorless product used for detn. are given: 1, 0.1; 0.1-1, 1-0.1; 0.01-0.1, 10-1; 0.001-0.01, 100-10; 0.001, 100. The H_2S is to be extd. from the samples with a $\text{Cd}(\text{OAc})_2$ soln. of 2.5 vol. %. With I the accuracy is $\pm 2\%$ at 0.0001-0.0005% thiol S, $\pm 1\%$ at 0.0005-0.001% S, and $\pm 0.5\%$ at $>0.001\%$ S; with the titrimeter it is $\pm 10\%$ at $<0.001\%$ S, $\pm 5\%$ at 0.001-0.005% S, and $\pm 1\%$ at $>0.005\%$ S.

Endre Kasztreiner

RATVIL, Gerasim, Mikhailovich

data on the analysis of the hydrocarbon composition of petroleum.
Voprosy voprosy ego koi 7 no.4:387-392 163.

1. Chair of Physical Chemistry of the Chemical Industry University,
Moscow.

Distri hE3d

Petroleum sulfur compounds. III. Automatic recording of hydrogen sulfide in cracked gases. Ferenc Ratkovics. (Hung. Petroleum & Gas Research Inst., Veszprém). *Magyar. Kém. Folyóirat* 65, 98-9 (1959); cf. preceding abstr. The method for detg. H_2S in cracked gases contg. not less than 0.01 p.p.m. H_2S is based on the electrometric indication of Na_2S formed in an absorber contg. $NaOH$ soln. The e.m.f. of the electrolytic cell fitted with a Ag_2S electrode is measured and recorded. Only O_2 interferes and the method is accurate to within 5%. IV. Investigation of the thermal decomposition of high-sulfur crude oils. Ferenc Ratkovics, Pál Szepesváry, and Jolán Vas. *Ibid.* 99-102. H_2S is evolved by 1st-order decompn. reaction when the high-S crude oils are kept between 280 and 400°. The rate consts. calcd. were of the order of $10^{-4}/min.$ at 280-300°, and 10^{-4} - $10^{-5}/min.$ at 350-400°. The amt. of S compds. decompg. to H_2S corresponds at the lower temp. to 0.5-1.0% of the S content; at the higher temp. it depends on the thermal stability of the oil. T. Széll -

RATKOVIC, Mikos, prof.

Morphologic characteristics of Pancevo. Zbor prir ~~at~~ srp
no.23:37-67 '62.

JAKABOS, Aron; RATKOVICS, Peter

New machines and apparatus. Magy kem lap 16 no.6:277-278 Je '61.

PLAINVIEW, N. Y.

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JAKABOS, Aron; RATKOVICS, Peter

New machines and appliances. Magy kem lap 18 no.2/3:125-127
E-Mr '63.

RATKOVICS, Peter; JAKABCS, Aron.

New machines and devices. Magyar kem lap 18 no.1:48-49 Ja '63.

JAKABOS, Aron; HATKOVICS, Peter

New machines and devices of the chemical industry. Magyar kem lap
17 no.3:131-133 Mr '62.

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New machines and apparatus. Magyar Nemzet 16 no.4:189-190 Ap '61.

JAKABOS, Aron; RATKOVICS, Peter

New machines and devices. Magy kem lap 17 no.10:473-475 0 '62.

377-1-66

ACC NR: AT6028245

SOURCE CODE: HU/2502/65/046/001/0021/0034

AUTHOR: Devay, Jozsef--Devai, Y. (Professor; Doctor; Veszprem); Ratkovics-Schutz, 19
Rozsa--Ratkovich-Shyutts, R. (Doctor; Veszprem)

ORG: Department of Physical Chemistry, University of Chemical Engineering, Veszprem

TITLE: Note on the use of the oscillopolarographic method for quantitative analysis

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 46, no. 1, 1965, 21-34

TOPIC TAGS: chemical precipitation, quantitative analysis, polarographic analysis

ABSTRACT: The influence of the intensities of direct and alternating currents and of the presence of foreign ions on the concentration determinations, based on measuring incisions of the oscillopolarographic $dE/dt + f(E)$ curves, was investigated. The above factors were found to affect the result of quantitative analysis. This effect can be interpreted by presuming that alteration of the examined factors brings about changes in the intensity of the current passing through the system at the moment of precipitation of the ions to be determined. The latter changes cause alterations in the value of dE/dt . Determinations carried out in the anodic branch of oscillographic curves are affected by the examined factors only to a much smaller extent. Orig. art. has: 10 figures. [Based on authors' Eng. abst.]

[JPRS: 33,906]

SUB CODE: 07 / SUBM DATE: 12Jan65 / OTH REF: 002

Card 1/1 PB

RATKOVICH, D.Ya., inzh.

Investigating the drift of hydrometric apparatus in open streams.
Trudy Gidroproekta no.4:183-252 '60. (MIRA 15:2)
(Stream measurements)

RATKOVICH, D. Ya. inzh.

The technique for granulometric analysis of river sediments.
Trudy Gidroproekta no. 4:273-285 '60. (MIRA 15:2)
(Sediments (Geology))--Analysis)

RATKOVICH, D. Ya. Cand Tech Sci -- "Study of ^{the} deviations ^g of hydrometric instruments."
Mos, 1961 (Mos Order of Lenin Agr Acad im K. A. Timiryazev). (KL, 4-61, 200)

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